Cumulative contents

| Volume 101, Nos. 1-3, December 199 | Volume | 101, | Nos. | 1-3, | December | 199 |
|------------------------------------|--------|------|------|------|----------|-----|
|------------------------------------|--------|------|------|------|----------|-----|

Preface

| 1. | Stability | and | a | priori | error | analysis |
|----|-----------|-----|---|--------|-------|----------|
| | Stability | and | - | DITOIL | CIIUI | anarysis |

| A comparison of numerical collocation and variational procedures to the hypersingular acoustic integral operator [CMA 298] | |
|---|-----|
| R. Jeans and I.C. Mathews | 5 |
| p-version of mixed finite element methods for Stokes-like problems [CMA 297] S. Jensen | 27 |
| On the robustness of hierarchic finite elements for Reissner-Mindlin plates [CMA 292] T. Scapolla and L. Della Croce | 43 |
| Coupling of finite elements and boundary elements for some nonlinear interface problems [CMA 289] E.P. Stephan | 6 |
| 2. A posteriori error estimation and adaptivity | |
| A procedure for a posteriori error estimation for h-p finite element methods [CMA 305] M. Ainsworth and J.T. Oden | 7: |
| Basic problems of a posteriori error estimation [CMA 304] I. Babuška, L. Planck and R. Rodriguez | 9 |
| Adaptive techniques for time-dependent problems [CMA 301] R.E. Ewing, R.D. Lazarov and A.T. Vassilev | 11: |
| Adaptive recovery of near optimal meshes in the finite element method for parameter dependent problems [CMA 300] J. Hugger | 12 |
| Adaptive finite element methods in computational mechanics [CMA 296] C. Johnson and P. Hansbo | 14 |
| An adaptive algorithm for unilateral viscoelastic contact problems for beams and plates [CMA 294] M.S. Kuczma and L. Demkowicz | 18 |
| W.O. Bucznu und L. Denkowicz | 10 |

| Geometrical interpretation for error estimation in finite element analysis [CMA 287] R. Targowski, G. Guerlement and D. Lamblin | 197 |
|---|-----|
| The superconvergent patch recovery (SPR) and adaptive finite element refinement [CMA 284] | |
| O.C. Zienkiewicz and J.Z. Zhu | 207 |
| 3. Applications of adaptive methods | |
| An adaptive grid method for analysis of 3D aircraft configurations [CMA 303] M.B. Bieterman, J.E. Bussoletti, C.L. Hilmes, F.T. Johnson, R.G. Melvin and D.P. Young | 225 |
| Solution of elastic scattering problems in linear acoustics using h - p boundary element method [CMA 283] | |
| L. Demkowicz, A. Karafiat and J.T. Oden | 251 |
| Automatic adaptive remeshing for numerical simulations of metalforming [CMA 302] | |
| M. Dyduch, A.M. Habraken and S. Cescotto | 283 |
| Adaptive remeshing and h-p domain decomposition [CMA 293] E. Rank | 299 |
| h- and d-adaptive FE methods for two-dimensional structural problems including post-buckling of shells [CMA 290] E. Stein, W. Rust and S. Ohnimus | 315 |
| Two-dimensional Navier-Stokes equations with adaptivity on structured meshes [CMA 288] J. Szmelter, M.J. Marchant, A. Evans and N.P. Weatherill | 355 |
| | 333 |
| Error estimation and adaptivity in elastodynamics [CMA 285] NE. Wiberg, L. Zeng and X. Li | 369 |
| 4. Mesh generation and computational aspects | |
| Structured mesh adaption: Space accuracy and interpolation methods [CMA 299] OP. Jacquotte and G. Coussement | 397 |
| An iterative method for adaptive finite element computation [CMA 295] M. Kočvara | 433 |
| Reliability of automatic 3D mesh generation [CMA 291] M.S. Shephard and M.K. Georges | 443 |
| An evaluation of the solution of linear systems arising from 3D elasticity problems [CMA 286] | |
| M. Vidrascu | 463 |

| Cumulative contents | 491 |
|-------------------------|-----|
| Author index | 479 |
| Subject index | 483 |
| Instructions to authors | 487 |
| Cumulative contents | 489 |